

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------|---|------------------|---------|------------------|
| L1 | 26 | "5216262" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 11:03 |
| L2 | 21 | 1 and superlattice\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 11:06 |
| L3 | 86 | oxygen near monolayer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 11:07 |
| L4 | 8436 | superlattice\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 12:49 |
| L5 | 1999 | super near lattice\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 11:08 |
| L6 | 5 | 3 and 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 11:08 |
| L7 | 2079 | transitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 12:49 |
| L8 | 2766 | lateral near transistor\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 12:50 |
| L9 | 12 | 4 and 8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 12:50 |

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|-----|--------|--------------------|---|----|-----|------------------|
| L10 | 1 | 9 and monolayer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:00 |
| L11 | 0 | 9 and 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:06 |
| L12 | 28 | 257/150.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:08 |
| L13 | 293337 | "257"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:08 |
| L14 | 309 | 257/15.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:09 |
| L15 | 0 | 3 and 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:09 |
| L16 | 0 | 14 and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:09 |
| L17 | 54 | 14 and channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:14 |
| L18 | 41 | 14 and 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:10 |
| L19 | 42022 | monolayer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:16 |

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| L20 | 3 | 18 and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:22 |
| L21 | 10 | 17 and 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:17 |
| L22 | 3663 | mono near layer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:47 |
| L23 | 9911 | 4 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:47 |
| L24 | 3723 | 13 and 23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:48 |
| L25 | 44758 | 19 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:48 |
| L26 | 628 | 24 and 25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:49 |
| L27 | 346 | 26 and oxygen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:49 |
| L28 | 199 | 27 and channel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:56 |
| L29 | 426 | mono near atomic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 13:57 |

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| L30 | 1 | 28 and 29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 14:08 |
| L31 | 64 | 27 and FET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 14:09 |
| L32 | 51 | 28 and FET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 15:09 |
| L33 | 10 | "6376337" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 15:09 |
| L34 | 4 | 33 and 23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 15:09 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-----------------------|---|------------------|---------|------------------|
| L1 | 8436 | superlattice\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:37 |
| L2 | 1999 | super near lattice\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:37 |
| L3 | 60929 | germanium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:38 |
| L4 | 42452 | monolayer\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:39 |
| L5 | 3968 | mono near layer\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:39 |
| L6 | 239 | 3 near 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:39 |
| L7 | 228 | 1 and 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:19 |
| L8 | 3 | 3 adj 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 16:48 |
| L9 | 8 | ge adj monolayer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:15 |

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| L10 | 15 | SiO ₂ near monolayer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:17 |
| L11 | 8 | "5789760" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:18 |
| L12 | 3 | germanium adj monolayer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:21 |
| L13 | 422 | germanium adj layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:23 |
| L14 | 279986 | stacked | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:22 |
| L15 | 2 | 14 near 13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:22 |
| L16 | 0 | stacked adj germanium adj layers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:23 |
| L17 | 279986 | stacked | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:23 |
| L18 | 28 | 13 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:29 |
| L19 | 2 | energy-band near modifying near layer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/27 17:30 |